

IN THE CLAIMS:

1. (Previously Amended) An emulsion comprising a biologically effective amount of azadirachtin in an essential oil, and a surface active agent, wherein said emulsion is made from naturally occurring materials and is devoid of synthetic compounds.

2. (Previously Amended) The emulsion of claim 1, wherein said biologically effective amount of azadirachtin is from about 0.2% (w/w) to about 15% (w/w).

3. (Previously Amended) The emulsion of claim 2, wherein said amount of azadirachtin is from about 0.2% (w/w) to about 1% (w/w).

4. (Previously Amended) The emulsion of claim 2, wherein said amount of azadirachtin is from about 2% (w/w) to about 10% (w/w).

5. (Previously Amended) The emulsion of claim 4, wherein said amount of azadirachtin is about 5% (w/w).

6. (Cancelled)

7. (Previously Amended) The emulsion of claim 1, wherein said surface active agent is saponin or a saponenin.

8. (Previously Amended) The emulsion of claim 1, wherein said surface active agent is obtained from the plant of the genus Saponaria, Quillaja, Chlorogalum, or Sapindus.

9. (Previously Amended) The emulsion of claim 1, wherein said surface active agent is a lecithin.

10. (Cancelled)

11. (Previously Amended) The emulsion of claim 1, wherein the amount of surface active agent is from about 10% (w/w) to about 50% (w/w).

12. (Previously Amended) The emulsion of claim 11, wherein said amount of surface active agent is from about 15% (w/w) to about 25% (w/w).

13. (Previously Amended) The emulsion of claim 12, wherein said amount of surface active agent is about 20% (w/w).

14. (Previously Amended) The emulsion of claim 1, further comprising an anti-oxidant.

15. (Previously Amended) The emulsion of claim 14, wherein said anti-oxidant is selected from the group consisting of vitamin C, tocopherol and grape seed oil.

16. (Previously Amended) The emulsion of claim 14, wherein said anti-oxidant is obtained from a plant of the genus Zingiber or Curcuma.

17. (Previously Amended) The emulsion of claim 14, wherein the amount of anti-oxidant is from about 0.5% (w/w) to about 20% (w/w).

18. (Previously Amended) The emulsion of claim 17, wherein said amount is about 10% (w/w).

19. (Previously Amended) The emulsion of claim 1, further comprising an ultraviolet light blocking or absorbing agent.

20. (Previously Amended) The emulsion of claim 19, wherein said agent is a vegetable oil.

21. (Previously Amended) The emulsion of claim 19, wherein the amount of said agent is from about 10% (w/w) to about 15% (w/w).

22. (Cancelled)

23. (Cancel) ~~A composition consisting essentially of naturally occurring azadirachtin and an essential oil.~~

24. (Previously withdrawn from examination as directed to a non-elected invention)

25. (Previously withdrawn from examination as directed to a non-elected invention)

26. (Previously Amended) An insecticidal composition comprising a naturally occurring azadirachtin and an essential oil and an emulsification medium comprising a naturally occurring surface active agent and a naturally occurring ultraviolet light blocking or absorbing agent.

27. (Cancel) ~~The composition of claim 23, wherein said azadirachtin is an amount up to 50% (w/w).~~

28. (Cancel) ~~The composition of claim 27, wherein said azadirachtin amount is about 20% (w/w).~~

29. (Cancel) ~~The composition of claim 23, wherein said essential oil is derived from citronella, a grass or geraniol.~~

30. (Cancel) ~~The composition of claim 29, wherein said grass is lemon grass or rusagrass.~~